

Date: Sun, 12 Jun 94 04:30:07 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #654
To: Info-Hams

Info-Hams Digest Sun, 12 Jun 94 Volume 94 : Issue 654

Today's Topics:

(none)
Berlin GE FTP Server
County List
Daily Summary of Solar Geophysical Activity for 10 June
Need schematic for IC-22s
VHF Maritime Outrage!!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 12 Jun 94 02:36:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

help

Date: 12 Jun 94 00:40:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: Berlin GE FTP Server
To: info-hams@ucsd.edu

Found this on my local packet BBS, thought it might be worth posting here.

A list of US counties can be gotten by sending an email to info@arrl.org and only typing:

```
COUNTY.TXT
QUIT
```

Jeff NH6IL

10 JUNE, 1994

(Based In-Part On SESC Observational Data)

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 161, 06/10/94
10.7 FLUX=085.4  90-AVG=081          SSN=070          BKI=2325 3422  BAI=016
```

BGND-XRAY=A6.2 FLU1=3.3E+06 FLU10=1.3E+04 PKI=2335 3433 PAI=017
BOU-DEV=017,021,017,077,021,046,019,019 DEV-AVG=029 NT SWF=00:000
XRAY-MAX= B1.5 @ 0657UT XRAY-MIN= A5.1 @ 1143UT XRAY-AVG= A8.8
NEUTN-MAX= +003% @ 1335UT NEUTN-MIN= -001% @ 0855UT NEUTN-AVG= +0.8%
PCA-MAX= +0.2DB @ 1935UT PCA-MIN= -0.4DB @ 2215UT PCA-AVG= +0.0DB
BOUTF-MAX=55328NT @ 0757UT BOUTF-MIN=55289NT @ 1742UT BOUTF-AVG=55315NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+087,+000,+000
GOES6-MAX=P:+157NT@ 1741UT GOES6-MIN=N:-086NT@ 0954UT G6-AVG=+114,+033,-028
FLUXFCST=STD:085,085,085;SESC:085,085,085 BAI/PAI-FCST=025,020,015/030,025,020
KFCST=2444 4554 3445 4433 27DAY-AP=022,030 27DAY-KP=2553 3333 3356 4334
WARNINGS=*AURMIDWCH
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 09 JUN 94 was 24.0.
The Full Kp Indices for 09 JUN 94 are: 2- 3- 4- 4- 2- 1+ 2o 2-
The 3-Hr Ap Indices for 09 JUN 94 are: 7 14 23 24 7 5 8 7
Greater than 2 MeV Electron Fluence for 10 JUN is: 4.2E+08

SYNOPSIS OF ACTIVITY

Solar activity was very low. Current disk regions were mostly stable or in slow decline.

Solar activity forecast: solar activity should be very low to low for the next three days. Region 7730 (S11E37) could produce an isolated C-class flare.

The geomagnetic field was quite variable during the period. From 10/2100-11/0900Z, the field was quiet to unsettled. From 0900-1200Z, mid latitudes experienced active to minor storm conditions and some high latitude sites reached severe storm levels. The remainder of the period was at unsettled to active levels. Greater than 2 MeV fluxes were at mostly moderate to high levels.

Geophysical activity forecast: the geomagnetic field should be disturbed for the next three days due to a coronal hole related high speed solar wind stream. Mostly active to minor storm conditions are expected during local nighttime. Unsettled to active levels should be experienced during daylight hours. Some high latitudes sites may experience intervals of severe storming.

Event probabilities 11 jun-13 jun

Class M 01/01/01
Class X 01/01/01
Proton 01/01/01
PCAF Green

Geomagnetic activity probabilities 11 jun-13 jun

A. Middle Latitudes
Active 35/35/35
Minor Storm 20/20/20
Major-Severe Storm 10/10/10

B. High Latitudes
Active 40/40/40
Minor Storm 25/25/25
Major-Severe Storm 15/15/15

HF propagation conditions were near-normal to slightly below-normal. High and polar latitude paths saw minor episodes of signal degradation during the local night hours. Similar conditions are expected over the next 72 hours. Signal fading and occasional absorption may increase on 11 June before conditions start improving again on 12 and 13 June.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS
=====

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 10/2400Z JUNE

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7730	S11E36	127	0130	CA0	07	011	BETA	
7731	N08E40	123	0120	CA0	04	003	BETA	
7732	S09W54	217	0040	BX0	06	007	BETA	
7733	N04W07	170	0050	CRO	06	009	BETA	

REGIONS DUE TO RETURN 11 JUNE TO 13 JUNE

NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 10 JUNE, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
2332	2332	2332						180	
2336	2338	2339						130	

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 10 JUNE, 1994

NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 10/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
85	S06E26	S27W27	S01W54	N20W24	172	ISO	POS	077	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
09 Jun:	0710	0717	0733	B1.4						
	0951	1012	1033	C1.1	SF	7730	S14E67			
	1145	1145	1148		SF	7730	S12E53			
	1403	1403	1406		SF	7730	S12E52			

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
	--	--	--	--	--	--	--	--	---	-----
Region 7730:	1	0	0	3	0	0	0	0	003	(75.0)
Uncorrelated:	0	0	0	0	0	0	0	0	001	(25.0)

Total Events: 004 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
-----	-----	-----	-----	-----	-----	-----	-----	-----
09 Jun:	0951	1012	1033	C1.1	SF	7730	S14E67	EPL
	1145	1145	1148		SF	7730	S12E53	V
	1403	1403	1406		SF	7730	S12E52	V

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the

optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 12 Jun 1994 05:01:46 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.moneng.mei.com!uwm.edu!
alpha2.csd.uwm.edu!pachner@network.ucsd.edu
Subject: Need schematic for IC-22s
To: info-hams@ucsd.edu

A friend of mine needs the schematic for the Icom ic-22s. If you have such
an item. Call him (MIke) at work 414-273-6773, or just drop me a line.

thanks

--

Thomas Jay Pachner ==- Music Major (at least this week I am)
University of Wisconsin - Milwaukee
pachner@alpha2.csd.uwm.edu - please note new email address
Amateur Radio Call Sign: N9UJJ

Date: Sun, 12 Jun 1994 02:24:14 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: VHF Maritime Outrage!!
To: info-hams@ucsd.edu

In article <1994Jun10.155646.6575@news.yale.edu> revco@YALE.EDU (Jim Revkin)
writes:

>I'd be interested in hearing the group's feelings about new FCC
>licensing fees for VHF maritime transceivers.

>.....

>My other concern, of course, is that we will see reinstituted,

>licensure fees for amateur licenses. fyi:
>
>>From the BOAT/U.S. Newswire, 6/10/94: FCC ADOPTS HIGHER MARINE RADIO LICENSE
>FEES
>WASHINGTON, DC - A spokesperson for the Federal Communications Commission
>(FCC) told BOAT/U.S. today that the Commission has voted to increase the cost
>of licensing a VHF marine radio from \$35 to \$105.

This is frightening. Five years ago my my Ship Radio License for my sailboat was free. A recent renewal notice says I owe the FCC \$35. And next year those renewing will pay over \$100.

A new VHF marine radio, with all channels, can be bought for as little as \$135 (through West Marine Supply). The license is worth almost as much as the radio.

Jeff NH6IL

Date: Sun, 12 Jun 1994 01:29:08 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
milcom@network.ucsd.edu
To: info-hams@ucsd.edu

References <2sqq1j\$7vi@tadpole.fc.hp.com>, <1994Jun4.214420.14228@cs.brown.edu>,
<1994Jun6.152721.22659@ke4zv.atl.ga.us>
Subject : Re: Ham Radio few problem

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: >3. The complexity of activating the machine may be more complicated than
: > some people can understand properly.

: Tsk, tsk, such is the price of cliquish exclusivity.

The price of cliquish exclusivity? We got some Com-spec tone encoders for \$26 a piece. They can be programmed for 42hz to 125hz, all non standard tones.

The repeater itself will be open with a standard 103.5 pl, but all control, autopatch & crossbanding will only be accessable thru a non standard pl below 67.0. If they can hack it then maybe they're worthy of permission to use. There are so many plug 'n play hams out there that i think as badly as they would want to get it, I dont think they'd trust themselves opening their \$600 radio to install something they know nothing about. Besides, were calling it "DPL" anyways. Hopefully they're as dumb as we think.

And what about 900Mhz? However, that would be pricy. But the rif-raff up there would be history.. No more resetting.

--

RF power specialists

milcom@netcom.com

Date: (null)
From: (null)
de DL7AUC @ DB0BLO.#BLN.DEU.EU
to ALL @ WW

Dear YLs, XYLs, OMs es SWLs,

I'm proude to announce a new ftp-server only for ham-radio stuff and software. This new server runs on a machine from the Clubstation of the Technical University of Berlin, DK0TU (AFUTUB). It may be reached via ftp by 'afutub.extern.tu-berlin.de' [130.149.130.138]. For users not having access to direct InterNet, a mailserver is also available on afutub. Send e-mail to 'mailserver@afutub.extern.tu-berlin.de' and **** Please enter a blank line to continue, anything else to halt output a mail-body of

BEGIN
send help
END

to get the Net, a mailserver is also available on afutub. Send e-mail to 'mailserver@afutub.extern.tu-berlin.de' and a mail-body of

BEGIN
send help
END

to get the general helpfile from the server. You may feel free to put new ham-radio softwre or files to /incoming via direct ftp access.

For further information or in case of problems, ideas, critics etc contact 'root@afutub.extern.tu-berlin.de' or DL7AUC @ DB0BLO.DEU.EU

Regards es 73s,

Pat, DL7AUC, System Administrator, root@afutub.extern.tu-berlin.de

--

General : Patrick Wendt, DL7AUC @ DB0BLO.DEU.EU, Berlin, J062Q0, D13.
Mailbox : +49 30 / 4025692, 24h, HST Dual Standard 14400bps, v32bis
InterNet: root@chamber.in-berlin.de / root@afutub.extern.tu-berlin.de

"All what we see or seem is but a dream within a dream." (E.A. Poe)

----- End of message 28198 from DL7AUC @ DB0BLO.#BLN.DEU.EU -----

Date: Sun, 12 Jun 1994 02:36:16 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <199406081130.EAA28304@ucsd.edu>,
<9406081422.AA05134@umassmed.UMMED.EDU>, <1994Jun10.150432.26030@bongo.tele.com>>
Subject : Re: Singapore HAM Laws

In article <1994Jun10.150432.26030@bongo.tele.com> julian@bongo.tele.com (Julian Macassey) writes:

>

> For saying "QSL" when you mean "yes" or "roger", gets you four
> strokes for your first offence, even if you are an american with an
> alleged "Attention Deficit Disorder".

Can someone in Florida confirm that some of your public safety agencies use Q-signals? I was watching a documentary on TV and overheard some radio traffic, possibly police or highway patrol, and heard 'QSL' several times. Weird.

Jeff NH6IL

Date: 11 Jun 1994 23:04:52 -0600
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!jobone!lynx.unm.edu!
triton.unm.edu!news-user@network.ucsd.edu
To: info-hams@ucsd.edu

References <2tasos\$36i@panix.com>, <brett_miller.294.001276FE@ccm.hf.intel.com>,
<crispCr8Fvy.7L0@netcom.com>.unm.e
Subject : Re: Icom R100

In article <crispCr8Fvy.7L0@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:

>

> Another quirk is the lack of a line level output (useful for taping or RTTY,
> not that RTTY matters since there is no BFO!).

I have no problems using the speaker out jack and using a "line level to

recorder level" attenuator to record with my boom box.

To avoid the problems of switching between speaker and recorder, I have put the two together so I can record and listen on my speaker at the same time (or record and turn off my speaker with a switch)

Robert
roberts@triton.unm.edu

Date: Sun, 12 Jun 1994 03:13:37 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <n1gakCr7o8y.F0q@netcom.com>, <2tct8t\$4jp@cat.cis.Brown.EDU>,
<2td3t2\$6gd@ccnet.ccnet.com>
Subject : End of '440 in SoCal' thread (was: VHF Maritime Outrage!!)

In article <2td3t2\$6gd@ccnet.ccnet.com> sohn@ccnet.com (Jim Sohn) writes:
>

>Don't know what your source is, but the US amateurs in ITU region 2 have
>access to 275 MHz in the 5.8 GHz band alone, and another 750 MHz in the 10
>and 24 GHz bands. These allocations are valuable - just ask any business
>or government agency that operates their own network on similar
>frequencies.

Jim's statement above should bring to an end the '440 in SoCal' thread. Those are incredibly huge chunks of spectrum that need to be put to use. When you consider the amount of unused spectrum we have it really makes the 440 debate moot.

Can't readily *buy* a radio to play with up on those UHF freqs? Put your amateur skills to use and *build* something for up there. [Roger: I'll send you my soldering iron if you don't already have one.]

Jeff NH6IL

Date: 12 Jun 94 01:21:03 -0800
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!vax.sonoma.edu!harrisok@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994Jun10.155646.6575@news.yale.edu>, <jchandleCr7MzH.4II@netcom.com>,
<n1gakCr7o8y.F0q@netcom.com>
Subject : Re: VHF Maritime Outrage!!

> I'm vaguely upset that for administrative reasons they chose to charge
> the ten years in advance. I can imagine a young ham having some
> difficulty scraping up that money, but if you are like me, or most of
> my ham buddies, kicking in the \$70 for a new ham's license would make
> a great "welcome to ham radio" gift. Go without a new doodad for a
> few more weeks.

>

> A friend of mine and I scrounge the swap-fests and pick up all of the
> IC-2ATs and 4ATs that we can find. When a young person we know gets a
> license, but can't afford a radio, [s]he's given one on 'permanent
> loan'. I suppose we've spent about \$700 each doing this, but I
> consider it just a part of my obligation to keeping ham-radio alive.

>

> Scott

Hey Scott! When my bill comes in the mail, I'll forward it to you, OK? (grin)

Thanks!

Ken Harrison

N6MHG

email: harrisok@sonoma.edu

End of Info-Hams Digest V94 #654
